

More Dance Ticketsellers Listed For April 7 Soiree

More and more ticket-sellers have been announced by the dance committee for the big April 7 party.

Metal Preparation's Jo Ann Isham lists a score of availabilities in that division:

Thelma Bradshaw
Corine McDaniel
Dennie Roberts
Wilma Trebilcox
Bobbie Watkins
Herman Butler
R. Butler
Barbara Bowers
Carolyn Millsaps
Beverly Grubb
Fay Duncan
Jim Thompson
Lizz Harris

Ticket-sellers are talking the April dance up in big fashion now with only a couple of weeks to go.

In Engineering, Bill Fleischman has added:

Joyce Williamson

Other divisions have already announced ticket-hawkers. They are:

Materials and Services:

Bobbie Hill
Margaret Damron
Shirley Humphrey

In the Maintenance Division, Mary Wayne White has named:

Frances Donahue

Jo Bratton
Madge Keck
Naomi Hart

The Fabrication Division's Frank Broome has already named:

Joe Ryan
Bob Bohanan
Bruce Dyer
Spence Ferguson
Charles Kuykendahl

A literal "grab-bag" of door prizes has been described by the Recreation Department. Among the loot are an electric can opener, a Skotch cooler, a world globe,

a steam iron, an attache case, an outside wall thermometer, a man's shaving kit; a giant umbrella, an electric heat massager, and a Coleman picnic jug.

The tickets all the above are scattering are only \$1.50 per head for the entire event. Alan Atkins and his orchestra will be on hand to supply the tunes of the day.

Holy catfish, looks like the old days. Let's jam the rafters Friday week to "swing into Spring" in proper style!

Wonderin' Where The Yellow Went?

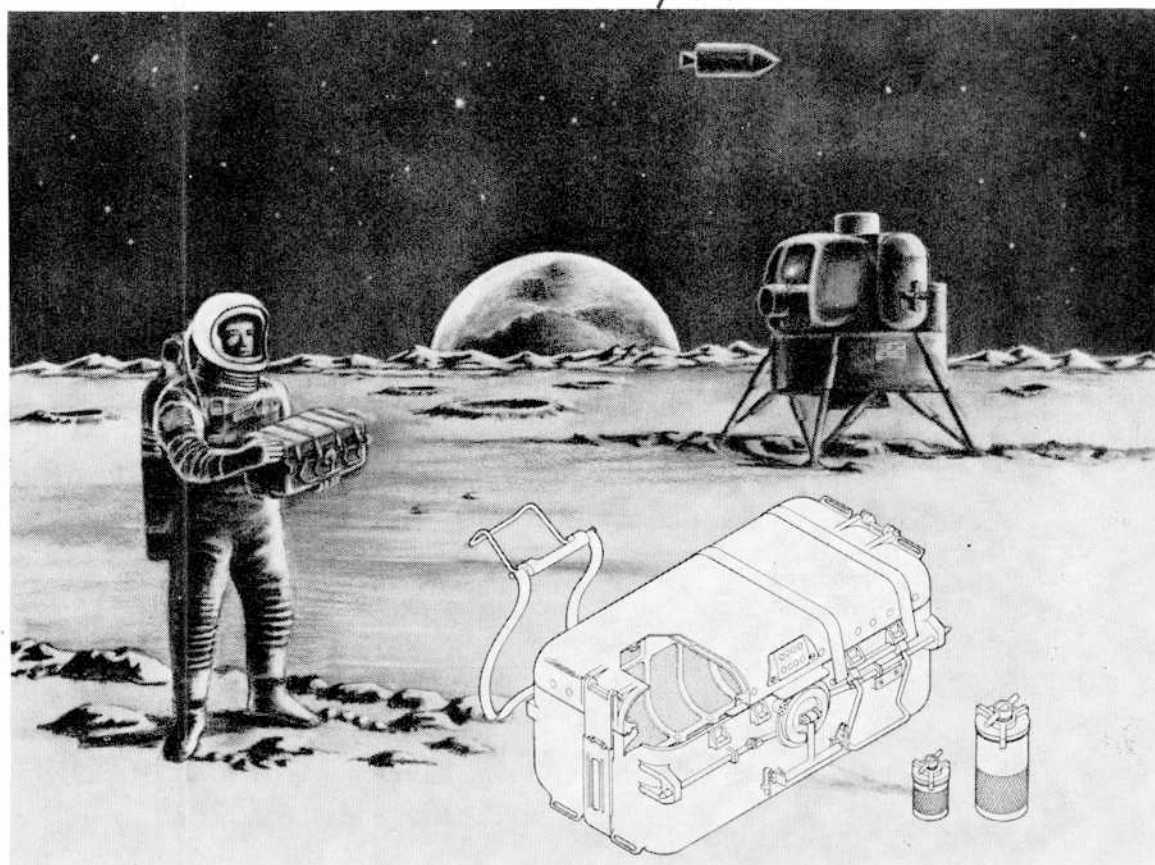
Yellow will be in fashion again, so says Security. In the quarterly badge exchange, yellow-bordered badges will return come Friday, March 31. They will be at the self-service racks at each portal-of-entry on the day shift, Friday. The new badges will remain in the racks until 11 p.m. Wednesday, April 12. If you fail to pick up your new badge by then, guards will not honor the old blue-bordered badges of "the winter of our discontent."

Badge & Pass folks say please, please, please. When you remove your new badge from the racks . . . put the old one back in the same slot. They are numerically arranged and easier to keep up with if they are kept in order.

Pick up your badge early. Get in the swing of things and help us all celebrate Spring!

APRIL SHOWERS

About the only good thing that can be said of rain is that you don't have to shovel it off the sidewalks.



Y-12'S 'MOON ROCK' BOX is seen in this artist's concept. An Apollo astronaut prepares to collect lunar geological samples in a special container designed and fabricated here for the National Aeronautics and Space Administration. Two such containers will be taken on the first moon voyage. In the foreground is a closeup of one of the boxes. At right are two cylindrical canisters designed to contain a small quantity of specimens under higher vacuum conditions. In the background, the Lunar Excursion rests before its rendezvous with the orbiting Command Module in space.

OLD HEADLINES

"Young people show neither piety nor patriotism. They are causing the country's decline," wasn't in yesterday's newspaper. It was penned by Socrates, 399 B.C.!

SIGNS OF THE TIMES

Pity the poor mothers 20 years ago who vaccinated their daughters in places they thought wouldn't show!

Y-12 'Rock-Boxes' To Go To Moon With Astronauts

Lunar geological samples collected by Appolo astronauts will be returned to earth in two vacuum-tight containers designed and fabricated here in Y-12.

The work is being performed for the National Aeronautics and Space Administration under an interagency agreement with the U.S. Atomic Energy Commission. Y-12 was selected to perform the assignment because of its versatile fabrication facilities and its experience in developing high vacuum systems for nuclear use.

The box-like containers, made of forged aluminum, are designed to maintain a pressure equivalent to one-one-hundred-thousandth (1/100,000) that of the earth's atmosphere.

Each box measures about 19 inches in length, 11 and one-half inches in width and eight inches in height, with a wall thickness of about one-four-hundredths (1/400) of an inch. The container shell is reinforced by integrally machined internal aluminum ribs and protected by aluminum wire mesh between the ribs. Total weight when empty is about 13 and one-half pounds.

A container will accommodate about 37 pounds of individually-wrapped geological samples in addition to two small cylindrical canisters — one to be used in collecting lunar specimens for gas analysis experiments and the other for ultra-high vacuum containment for specimens. The latter canister — about two and one-half inches in diameter by five and one-half inches long — is designed to contain specimens at a pressure equivalent to about one - one - hundred - millionth

(1/100,000,000) that of the earth's atmosphere.

Following fabrication, the containers and canisters will be dimensionally inspected, radiographed and subjected to a series of tests at Y-12. The tests include vacuum, tensile, temperature, humidity, salt fog, acceleration, low level shock and vibration. Simulated lunar thermal exposure and reduced gravity operability tests will be conducted at other installations.

On the first lunar voyage, two containers will be carried in the Lunar Excursion Module (LEM), the vehicle which will detach from the Command Module and land on the moon.

After the landing is accomplished, the astronauts will detach the containers from the LEM and proceed to fill them with geological samples. While resting on the lunar surface, each box will be protected by a plastic heat shield designed to prevent the container temperature from exceeding 150 degrees Fahrenheit.

When the sampling mission is completed, the filled boxes will be returned to the LEM and the astronauts will prepare for their rendezvous with the Command Module and eventual return to earth.

BARE POLITICAL FACTS

"The fight (in politics) cannot be won by the timid and noncommittal. People must forego convenience, and security from criticism. They must get into politics personally, directly, and actively. They must be for someone and against someone, despite the consequences." . . . Raymond Moley.



JANICE DONAHUE, SECURITY, is all prepared for April showers! With the big array of door prizes set for Friday, April 7's dance, she's got it made. But they are not hers. They will go to some 10 lucky people attending the Spring Dance. Mark your calendar now . . . that's Friday, April 7.

The Bulletin

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UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



Appalachian
Industrial
Editors' Association

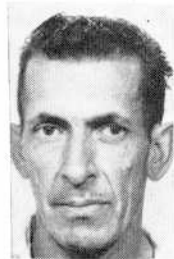
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Tucker Rites Are Held In Alabama

The Dispatching Department sadly marks the passing of Mr. Thomas D. Tucker, who died Saturday, March 18, in Oak Ridge.



He came to Y-12 February 26, 1951, after working with the Maxon Construction Company, Reynolds Alloys, Sheffield, Alabama; the Tennessee Valley Authority, Sheffield; and self-employment on his farm. He was a veteran of the U.S. Army, serving from 1942 until 1943.

Surviving are his wife, Mrs. Katy Phillips Tucker; children, J. T., Ray, William, Judy, Helen, Mattie and Shelia, all at home at Route 2, Harriman; parents, Mr. and Mrs. C. P. Tucker; brothers, Charles L., and William H., Lexington, Alabama; and sister, Mrs. Mattie Irene Fielder, also of Alabama.

Funeral services were held at 2 p.m. Tuesday, March 21, at the Mount Pleasant Baptist Church, Lexington, Alabama. Interment followed in the Carum Cemetery, Anderson, Alabama.

Sincere sympathy is extended the Tucker family.

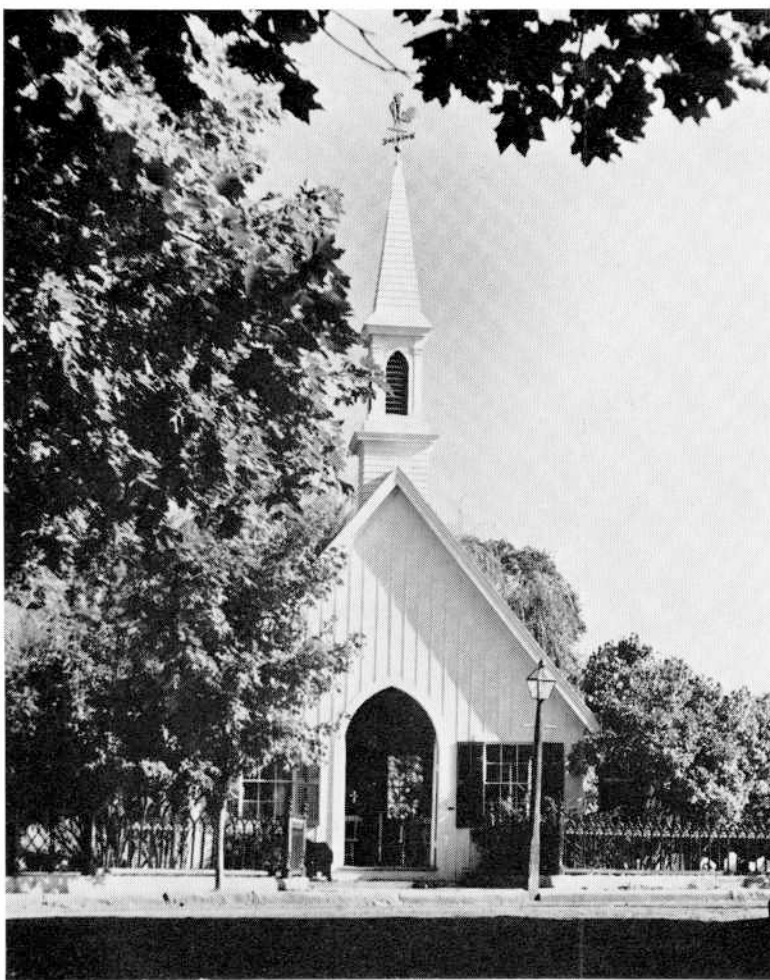
ISA To Sponsor Mathematics Course

The Oak Ridge Section of the Instrument Society of America is sponsoring a course for technicians who wish to improve their proficiency in mathematics. It will be equivalent to upper high school level and will cover the following subjects: systems of numbers, exponents, radicals, linear equations, simultaneous linear equations, logarithms, determinants, and use of the slide rule.

The course will be taught by Paul Kirk, ORNL Instrumentation and Controls Division. The starting date is March 30, at 6:30 p.m. at the Oak Ridge High School, and will meet Mondays and Thursdays for 10 weeks. Each student will need to purchase a textbook costing \$9. A small tuition fee may be charged if state aid is not available. Further information may be obtained from the instructor of H. S. McKown, at extension 3-5649.

If a sufficient number of students are interested, the course will continue for several more quarters starting next fall.

Accidents will happen — to the careless worker.



'Serenity' By Cliff Johnson

Cliff Johnson's Photo Of Church Takes Laurels In Art Exhibit

Cliff Johnson, Product Engineering, brought laurels to the Carbide Camera Club recently, by taking first place in black and white photography in a Southern Contemporary Art Exhibit. The photos were recently shown in Johnson City, and are touring throughout the South.

Johnson's impressive photograph of a church in Mystic, Connecticut, entitled "Serenity" took the top prize. His "Black and White" also placed third in the impressionist category.

Other CC winners were Bob Stephenson, Carus DuBose and J. S. Dedrick.

The competition was open to all amateur and professional photographers in the area.

While on tour, the photos are insured by Lloyds of London.

There were three categories — pictorial, realistic and impressionistic.

Meanwhile, the Camera Club announces a proposed project in helping the Emory Valley School

sell its handicap handicrafts. (Remember the story covering their efforts in December?)

The crafts center was founded to utilize the craftsmanship of our handicapped citizens. This enables them to share with us their wealth of creative talents and gives them a useful and needed place in the community.

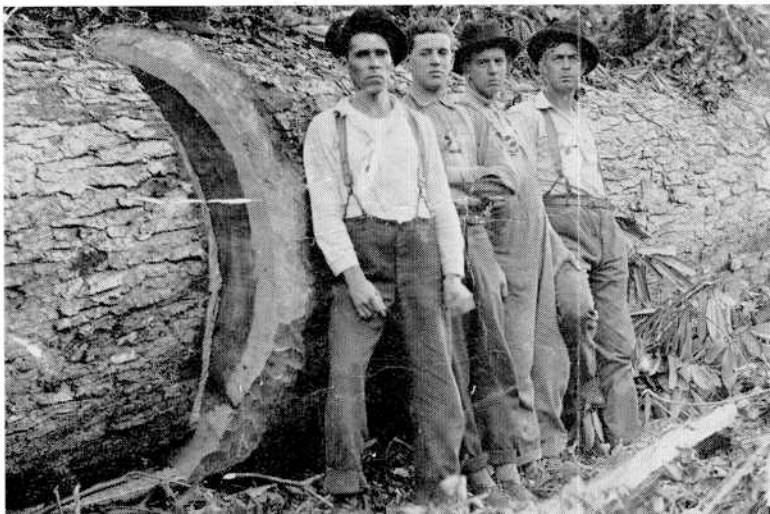
The handicrafts project is sponsored by the Daniel Arthur Rehabilitation Center with the cooperation of the National Council of Jewish Women and the Greater Oak Ridge Chamber of Commerce.

Camera Club members will be advised later on what part they will play in promoting the crafts.

CONSIDER THE LILY

Be considerate of the little woman.

Before you take off for that fishing trip Saturday, at least set the lawn-mower out where it's handy!



S. R. COWDEN, RETIRING THIS MONTH, is seen second from the left, at the beginning of his working career, nearly 50 years ago. The scene is beside a big poplar tree which has been timbered in the Cherokee National Forest. A note of interest about the photo: Sam sent the picture home to his mother. A young girl saw him in the picture . . . and that young lady has been Mrs. Cowden since January 7, 1922. The old picture was made in 1918.

Maude Whaley, Sam Cowden And H. Y. Voiles To Retire

Two long-time Y-12ers write "finis" to their working careers Friday, as Mrs. Maude A. Whaley, ORNL Chemical Services, and Samuel R. Cowden, Buildings, Grounds and Maintenance Shops, retire. Hurst Y. Voiles, also of Cowden's group, has elected an early retirement.

Y-12's first female retiree in a long time is a native Tennessean, having been born in Sevier County. She was a Parton, a well-known Anglo-Saxon name in the Smokies.

Mrs. Whaley worked in Appalachian Mills, Knoxville, briefly during the beginning of World War II, and worked in a cafe owned by her husband. She came to Y-12 August 4, 1944. Her husband, Mr. William A. Whaley, died in 1959.

She lives on her 47-acre farm near Oliver Springs . . . at Route 2, Harriman. Her son Winford R. Whaley lives with her, and daughters Opal Jackson and Violet Black have homes on the place. She boasts eight grandchildren, and three great-grandchildren.

Growing flowers, especially iris, is her main hobby and she hopes to spend much of her time in this pursuit.

"I have enjoyed every shift I put in here in the plant," she says. "The friends I have made here the past 23 years have been the nicest people I know." Those "nicest people" honored Mrs. Whaley last week with a banquet at the Holiday Inn, Oak Ridge.

Samuel R. Cowden is also a native of Sevier County. He began working early in his life in the Cherokee National Forest, clearing timber. Since then, he has done carpentry work for the E. A. Wood Construction Company, Nashville; the Tennessee Valley Authority, at Douglas, Norris, Chicamauga, and Watts Bar Dams.

He says he hopes to work around his three-acre plot near Karns High School (his address is Route 20, Knoxville), fish, loaf, make garden, and make a general nuisance of himself around the neighborhood.

Mrs. Cowden is the former Lottie Headrick. They have a daughter, Mrs. Mary Cartwright, Torrance, California, and two grandchildren, Mike and Nancy.

Cowden came to Y-12 back in February of 1944.

Electing early retirement this month is Hurst Y. Voiles, Buildings, Grounds and Maintenance Shops. Voiles came to Y-12 July 14, 1948, after working as a carpenter and machine operator for various concerns . . . Ford, Bacon & Davis, the TVA, J. A. Jones, the Charles H. Bacon Co., Lenoir City; the Wisconsin Bridge Company (He says he helped build the Loudon Bridge and the Kingston St. Bridge over Clinch River).

Voiles was born in Robbins, Tennessee, and lives now at Route 5, Lenoir City.

Mrs. Voiles is the former Ruth Newberry. They have a son, Bobby Voiles, Huntington Beach, California; three daughters, Patsy Allen, Johnson City; Jackie Sue Draper, Maryville; and Doris Halloway, Lenoir City. They also have nine fine grandchildren.

Voiles says his father-in-law makes his home with them, and is not well. Most of his time will be spent with him.

All three Y-12ers take with them the very best wishes for a long and happy retirement from their fellow workers.

The time to prevent an accident is before it happens.



Maude A. Whaley



Samuel R. Cowden



Hurst Y. Voiles

Siren Test To Be Held Here Sunday

The regularly set quarterly alarm system will be tested in Y-12, Sunday, April 2, at 9 a.m. This test will be the attack warning (the wail of the siren, up and down) for three minutes.

Warning attack sirens on Buildings 9201-3, 9996, 9204-4 and 9213 will be tested. The test will cover the "Attack Warning" only.

Employees who are working Sunday will not leave their work stations. Prior to the test, an announcement will be made to personnel over the public address system.

INGENUITY OF PLUMBING

Anybody who has any doubt about the ingenuity or the resourcefulness of a plumber never got a bill from one. George Meaney.



THE BADGERS, CURRENTLY RIDING the top of the C League Bowlers, is seen in the top photograph, and the Invalids are in the lower picture. From left, the Badgers are Sam Campbell, A. E. Smith, Tom Watts, Hugh Richards and Captain Dick Huber. The Invalids are Doug Sparks, Leon Brown, Bob Nelson, Granville Underwood and W. C. Anderson.

Rounders Rout Badgers, Move Up In C Bowling League Standings

The Rounders gained a leg-up in C Bowling circles last week by downing the league-leading Badgers for three points. (They stand now only one point away from the magic slot.)

A four-point win saw the Rounders over the Invalids, the Strikers over the HiLifers, and the Parbustlers past the Royal Flush.

The Sunflowers swamped the Rollmasters for three. The Fireballs and Big Five shared two.

The Sunflowers' Red Halsey and Bill Stephens waxed hot in individual honors . . . Red taking a 222 scratch single, 245 handicap single. Bill rolled a 598 scratch series, 661 handicap series.

The Big Five bowled best singles in scratch counting with 920. The Sunflowers accounted for a

1033 handicap single count . . . and their series of 2597 scratch, 2954 handicap were high.

League standings follow:

Team	W	L
Badgers	27	13
Rounders	26	14
Big Five	24	16
Strikers	24	16
Fireballs	22	18
HiLifers	21½	18½
Rodders	20	20
Sunflowers	18	22
Parbustlers	16	24
Royal Flush	15	25
Invalids	14	26
Rollmasters	12½	27½

Volleyball Teams Take Solid Wins

Four-game sweeps marked last week's Volleyball League action, as six teams took total wins from opponents. The League played Tuesday only, allowing for the holiday on the week's end.

On Court A, the Old Men trimmed the Ecobums 15-2, 15-7, 15-7 and 15-7. The Scrubs sank the Charley Brown's 15-6, 15-2, 15-0 and 15-0. Y-12's big Beavers bettered the Mix-Ups 15-2, 15-5, 15-7 and 15-0.

Court B's action saw the K-25 Sports kill the Beagles 15-3, 15-11, 15-12 and 15-4. The Set-Ups defeated the Neophytes 15-2, 15-7, 15-4 and 15-4. The Tigercats took the Eagles 15-9, 16-14, 15-11 and 15-5.

Team	W	L
K-25 Sports	19	1
Beavers, Y-12	19	1
Scrubs, ORNL	17	3
Tigercats, ORNL	16	4
Set-Ups, ORNL	14	6
Old Men, ORNL	10	10
Mix-Ups, K-25	7	13
Eagles, Y-12	6	14
Neophytes, Y-12	5	15
Ecobums, ORNL	4	16
Beagles, ORNL	1	16
Charley Brown's, ORNL	1	16

Y-12 Bowlers Place High In State Rolling

Congratulations to the women bowlers who call themselves the Cox Pure Station girls! The five bowlers won second place in the B Division in Memphis recently in the Tennessee Women Bowling Association's state tournament. Three Y-12ers make up the team . . . Edith Duckworth, Helen Clark and Jo Bratton. Two others, Jane Mook and Jean Graham, helped with the 2345 scratch score rolled in state competition.

The second slot in the tournament brought the bowlers a prize of \$150 . . . only 83 pins removed from first place.

Mrs. Mook won all events honors in the women's competition, posting a 1692 total.

Recreation



Monday, April 3

BOWLING: 5:45 p.m., C League, Ark Lanes.

TABLE TENNIS: 7 p.m., Wildcat's Den.

PHYSICAL FITNESS: (For Women) 7 p.m., Oak Ridge High School Girls' Gym.

Tuesday, April 4

PHYSICAL FITNESS: (For Men) 7:30 p.m., Oak Ridge High School Gym.

VOLLEYBALL: Beginning 6:30 p.m., Robertsville Junior High School Gym. Court A: Ecobums vs. Beagles; Tigers vs. Scrubs; Set-Ups vs. Beavers. Court B: Neophytes vs. Old Men; K-25 Sports vs. Charley Brown's; Eagles vs. Mix-Ups.

Wednesday, April 5

CARBIDE RIFLE LEAGUE: 7 p.m., Clinton Rifle Range.

BADMINTON: 7:30 p.m., Jefferson Junior High School Gym.

BOWLING: 8 p.m., Mixed League, Ark Lanes (final sesison).

Thursday, April 6

BOWLING: 5:45 p.m., Classic League, Ark Lanes.

VOLLEYBALL: Beginning 6:30 p.m., Robertsville Junior High School Gym. Court A: Old Men vs. Mix-Ups; K-25 Sports vs. Beavers; Neophytes vs. Charley Brown's; Court B: Set-Ups vs. Ecobums; Tigers vs. Beagles; Eagles vs. Scrubs.

Friday, April 7

SPRING DANCE: 9 p.m.-1 a.m. Oak Terrace Ballroom. All Y-12ers welcome! \$1.50 per head.

18 Teams Registered For Softball 'Summer'

A total of 18 teams has already shown interest in softball play for the summer (five from Y-12, 11 from ORNL and two from K-25). The Y-12 teams, with captains are Falcons, Fred Jeffers; Braves, Rick Hull; Fireguards, George McPherson; Bat Boys, B. C. Simms; and the Eagles, Hugh Richards. Another Y-12 team may enter shortly.

The more the merrier, says Recreation. If you want to enter your team, call at 3-7109.

Mustangs Stretch Mixed Alley Lead

The Mustangs mustered a three-point lead in standings in the Mixed Bowling League last week, with a three-point win over the Hits & Misses. Also taking three were the Roses 'N Thorns over the Alley Cats, and the Twisters past the Rollers. The Goofers and Novices shared two.

C. R. Lively, Rollers, rolled men's highs all the way, posting hot 216 scratch, 234 handicap singles; 582 scratch, 636 handicap series. Joyce Gillihan, Rollers, rolled a 171 scratch single. Her 213 handicap single tied with Dixie Stinnett, Twisters. Irene Carmack, Mustangs, mustered a 460 scratch series; and her teammate Mildred Morris marked a 583 handicap series.

The Mustangs swept team honors, singles of 680 scratch, 801 handicap; series of 1958 scratch, 2321 handicap.

League standings follow:

Team	W	L
Mustangs	31	17
Hits & Misses	28	20
Goofers	26	22
Roses 'N Thorns	26	22
Twisters	23	25
Rollers	23	25
Alley Cats	19	29
Novices	16	32



BEAUTIFUL WALLACE HILLS GOLF COURSE will be the arena for Y-12's first big golf tournament of the year, set for Saturday, April 29. Details of the year's events are found below.

Golfers To Enjoy 5 Tournaments On East Tennessee Greens In 1967

The curtain will rise on the Golf season for Y-12ers next month . . . as Wallace Hills, Maryville, will be the scene of the first conflict April 29.

There are approximately 175 Y-12ers who hold handicaps left-over from last year. New greensmen are always welcome, however, and their handicap will be figured later.

The plant will be divided into four equal divisions, with prizes in each section . . . golf balls, as usual.

The remaining schedule is as follows.

May 20 — Southwest Point, Kingston

June 24 — Springbrook, Niota

July 22 — Tansi, Crossville

August 26 — Lambert Acres, Maryville

Applications for the Wallace Hills will appear shortly in the Bulletin. As always, at least a threesome is required to enter the competition.

The handicap tournaments are arranged for the convenience of plant golfers, and handicaps are based on previous performance on the greens.

The Wallace Hills Club is described by golfers as "better than ever" so set Saturday, April 29, aside now.

You'll be hearing more later about the golf story for the summer.

Playboys-Has Beens Locked In Classic

The Playboys and Has Beens are locked again in tie for top spot in the Classic Bowling League.

Last week's action saw the Rebels move up to within one-half point of the lead with a four-point win over the All Stars. The Tigers also moved up with a sweep over the Eightballs, as did the Swingsters past the Splinters.

The Markers moved over the

Cubs by three, and the Screwballs cinched three from the Rippers. The Has Beens assured the tie by taking three from the Eagles.

George Cantrell, Swingsters, waxed hot on the alleys . . . all the way. His terrific 255 single scratch game was pushed to a 274 handicap game. His series of 641 scratch, 698 handicap were naturally high also.

The Swingsters scratched at 937 in singles . . . the Has Beens and Smelters tied for handicap singles of 1044 . . . then the Swingsters returned to the boards with 2754 scratch, 3060 handicap in series tallies.

March 16 saw Bill Stephens, Bumpers, earn an ABC patch with three fine 179 scratch games.

Team	W	L
Playboys	34	18
Has Beens	34	18
Rebels	33½	18½
Tigers	32½	19½
Swingsters	32	20
Splinters	31	21
Eagles	29	23
Markers	26½	25½
Bumpers	26	26
Waspas	26	26
All Stars	23	29
Cubs	23	29
Rippers	18½	33½
Screwballs	17	35
Smelters	16	36
Eightballs	14	38

Bombers Undisputed Second Place Winners In Basketball Play-Off

The ORNL Bombers lowered their sights on the Radioisotopes last week to wind up the Basketball League for the year. The Bombers dropped the RI team 43 to 33 in a play-off for second-place in first half standings. The Bombers already had retained the second-place crown in the league's last half of play.

In action last week the Bombers made 11 foul shots in the last quarter . . . as Jim Shoemaker led the team with 16 big points through the bucket. Herm Thomas helped with an even dozen points.

Joe Crunk was high-man for the losers, with 14.

Come ye back next fall, ye hoopsters!

Hi-Power Rifle League Opens Fire

The first All-Carbine High Power Rifle match of the season was held in unseasonable weather. In near freezing gusts of wind up to 25 miles per hour, red cheeks and runny noses were initial signposts of the beginning of the season.

The high score was fired by Jack Spurling, Y-12, who came up with an astounding 455 out of a possible 500. Next came Ed Scott, also of Y-12, with a 453. Harry Hoy, ORNL, scored a 451, and ORNL's George Reimann tallied a 447.

A. A. Abbatiello, ORNL	447
Arvin Quist, ORNL	446
Jack Huff, Y-12	446
Dudley Hewett, ORNL	445
Leonard Abbatiello, Y-12	424
Bert Searles, Y-12	405
Hugo Bertini, ORNL	397
Don Kiplinger, K-25	374
John Dunn, Y-12	365
W. T. Collins, K-25	365
Vic Vaughn, ORNL	364
Jim Bell, ORNL	349
Jack Mrochek, ORNL	349
Bob Damen, K-25	349
Ray Ward, ORNL	320



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Harless Family Sees Son Graduate



James D. Harless

The J. W. Harless family (he's in Chemical Services) were proud spectators in the audience at the University of Tennessee graduating exercises, Saturday, March 18. Their son, James D. (Jim) Harless, received his BS degree in education, with a major in biology. Jim plans a teaching career.

Young Harless is married to the former Melanie Grigsby, Knoxville.

The Harless family lives at Route 2, Concord.

ICED COFFEE

The days of iced coffee will soon be upon us. One home economist suggests freezing ice-cubes from coffee . . . then setting aside the finished liquid to cool. Thus, there's no dilution when this delicious summer-time drink is served.

An unsafe man is like an unsafe machine. Both must be made safe.



Spring . . . at last, and April is about to "shake out her rain-drenched hair." About to shake out long-awaited anniversaries with Union Carbide Corporation are more Y-12ers. Congratulations.

20 YEARS

Francis M. Tench, Jr., Superintendents Division, March 31.

15 YEARS

Kenneth R. Bowers, Specifications and Systems, March 30.

James K. Cox, Traffic Department, March 31.

James B. Price, General Metal Fabrication Shop, April 1.

Helen G. Underwood, Casting Department, April 2.

Charles D. Wills, Salvage Department, April 2.

Edd Webber, Stores Department, April 3.

John H. Byrd, General Machine Shop, April 4.

Lloyd B. Morrow, General Machine Shop, April 4.

10 YEARS

Mary P. Pickens, Process Maintenance, April 1.

Money Green Made Possible By Science

The Treasury Department is very particular about the color of folding money it relies on the chemical industry to meet an unvarying standard.

Several different chemical manufacturers are involved. One provides bichromate liquor which, when mixed in exacting amounts with another company's lead compound, forms inorganic yellow.

Then, still another chemical company adds a precise amount of iron blue to produce Treasury Green.



CHEMICAL ENGINEERING DEVELOPMENT congratulates M. E. Scrivner, center, and A. E. Sands, right, for their latest patent application "Rigid Carbon Foam and Process for Manufacturing Same." George B. Marrow, left, presents the co-developers their congratulatory letter.

Retirement Needs A Little Planning

With life expectancy increasing a little every year, more and more planning must go into our retirement days. "Senior Citizens" and "Golden Age" groups are in evidence all around us.

Retirement can be one of the most productive and enjoyable periods of our life. It just takes a little planning.

First, it means a sharp reduction in income.

Thoughtful planning and careful money management can often make the difference between getting by comfortably and not having quite enough to get along on.

First, begin a careful inventory of financial assets, which include such items as company pension, veteran's pension, real estate you own, stocks and bonds, life insurance and annuities, savings, and Social Security.

Social Security, is, of course, a major item to be considered in planning retirement income. Persons are advised to visit their Social Security office three months before their planned retirement to get the full details of their benefits and the advantages of Medicare. The SS office says bring your card and birth certificate with you.

Just what income you need in retirement will depend a lot on your needs. If your home is paid for, of course, housing will not be as expensive for you. But, you should remember such items as home repairs and the inevitable taxes that are due. Up-keep on a home can be expensive.

The sooner you begin the easier it is to build up retirement income. Think about ways to earn income after retirement through profitable hobbies, or gardening, writing, or teaching.

Try to be rid of debts by that time. Your sharply reduced income will not allow for paying off crippling debts.

A happy and secure retirement just doesn't happen! It is carefully thought out. And the time to do it is NOW.

Don't wait until your 65th birthday to make plans.

Adjusting to change is part of life, and the big change that

Symons Couple Set 30th Anniversary



Mr. and Mrs. Edd Symons

Congratulations to Mr. and Mrs. Edd Symons who celebrated their 30th wedding anniversary March 2.

The Symons have four children, three daughters — one son, and five grandchildren. They make their home at 820 Fowler Street, Clinton.

Symons is in Research Services. (The 30th wedding anniversary, according to records, is called the Pearl Anniversary.)

HEADS, YOU WIN!

The American College of Neurosurgeons reports that of the 33,000 people who died from head injuries suffered in traffic accidents in the United States last year, 16,000 very likely would have survived had they been wearing seat belts.

comes in retirement can be a lot of fun, if you'll map it out with care.

Red Cross Advanced First Aid Is Offered

The American Red Cross will sponsor an instructor's course in first aid, beginning Monday, April 10. The course is for anyone who has completed the Standard and Advanced First Aid courses and wishes to get his instructor's certificate. The classes will be held Monday through Friday, from 7 to 10 p.m. at the American Red Cross Building on the Turnpike, Oak Ridge.

Anyone who has a current instructor's certificate may take the course as a refresher and to brush up on the latest information and techniques. If a former instructor has let his card lapse, now is the time to get it renewed.

"Cotton" Jackson, Knoxville chapter of the ARC, will be the instructor.

Louisiana Purchase

A huge, 2,500-acre tract of land has been purchased by Union Carbide in Louisiana. The property, located on the west bank of the Mississippi, is about 16 miles south of Baton Rouge. It is in Iberville Parish near White Castle. There is no immediate plans for use of the property. Louisiana Governor John J. McKeithen, in announcing the acquisition, said he hoped one day to see an industrial complex rising on the new site equaling the one at Taft, where Union Carbide's \$150 million chemicals-plastics plant is under construction.

Dark spots are danger spots.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 14 Days Or 475,000 Man-Hours (Unofficial Estimate) Through March 26 Without A Disabling Injury

Working Safely Is Very Smart Business



DANCE TICKETS GOING FAST! H. G. P. Snyder, superintendent of the Industrial Relations Department, makes sure C. E. Larson, Nuclear Division president; and R. F. Hibbs, Y-12 Plant Superintendent have their ducats for the April 7 festivities.